

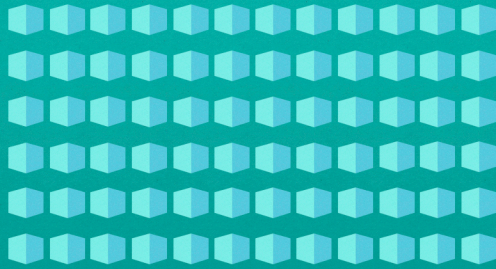
Benefits of server consolidation

with the NEC Express5800/A2040b | Powered by Intel® Xeon® processor E7-4890 v2

We consolidated **nine** legacy servers¹ into **one** NEC Express5800/A2040b, and proved real benefits of doing so:



Deliver 8x more virtual machines per server



NEC



HP ProLiant DL385 G6

One NEC server handled 72 VMs while a single legacy server supported only 8.

= 1 VM



Get 123.7% higher performance per watt

NEC provided over twice as many OPM* per watt on database workloads:

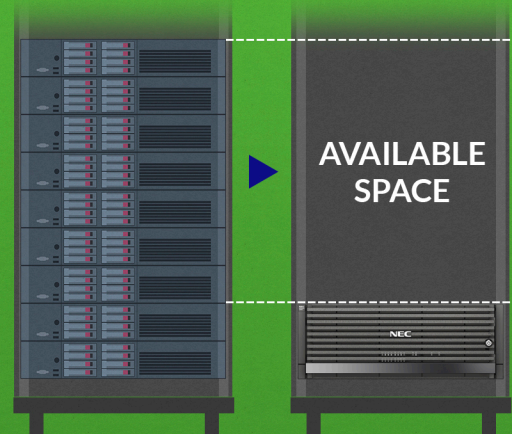


*orders per minute



Save 77.8% rack space

Consolidating freed 14U of rack space, providing room to grow:



- Up to 4 x Intel® Xeon® processor E7-4800 v2 Product Family. Max. 60 cores & 120 threads with Intel Hyper-Threading

- Up to 4TB memory (64GB DDR3 Load Reduced RAM x 64 DIMM slots)
- Up to 16 PCI-Express Gen3 slots

- Up to 8 2.5" SAS HDD/SSD
- Redundant service processors with integrated management

Read the full report at <http://facts.pt/1c8InEX>



¹Based on "Server consolidation with the NEC Express 5800/A2040b: Power and performance advantages over the HP ProLiant DL385 G6" A Principled Technologies Report, November 2013.

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